

HW1 (Due 2018/03/12)

1. (a) Write a C++ program to output the largest, median, smallest and sum of three integers, ranged from 10000 to 0.

Example: (the italics for program output and boldfaces for user input)

*Please input three integers: **10 34 9***  
*The largest is 34.*  
*The median is 10.*  
*The smallest is 9.*  
*The sum is 53.*

(b) Draw the flowchart for your program.

2. (a) Write a C++ program to separate the digits from left to right for one 5-digit integer.

Example: (the italics for program output and boldfaces for user input)

*Please input one 5-digit integer: **12031***  
*1*  
*2*  
*0*  
*3*  
*1*

(b) Draw the flowchart for your program.